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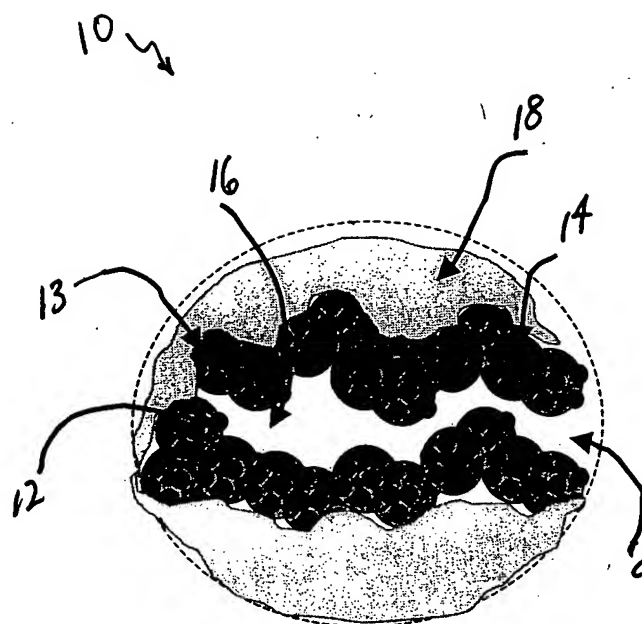


FIG. 1

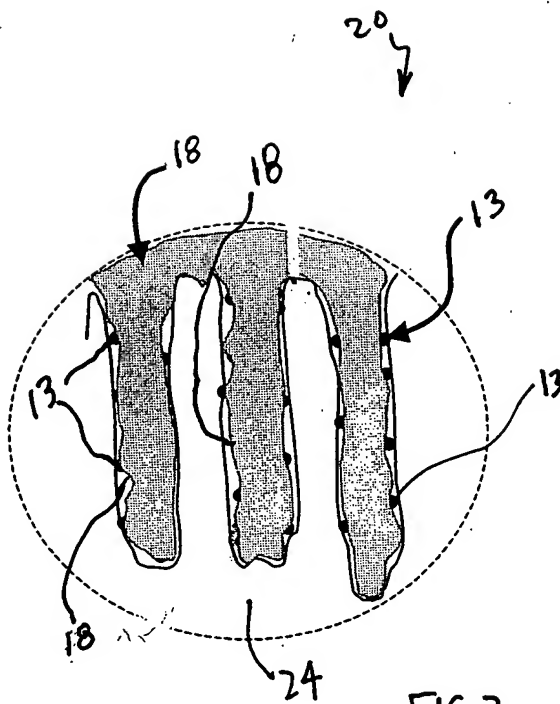


FIG 2

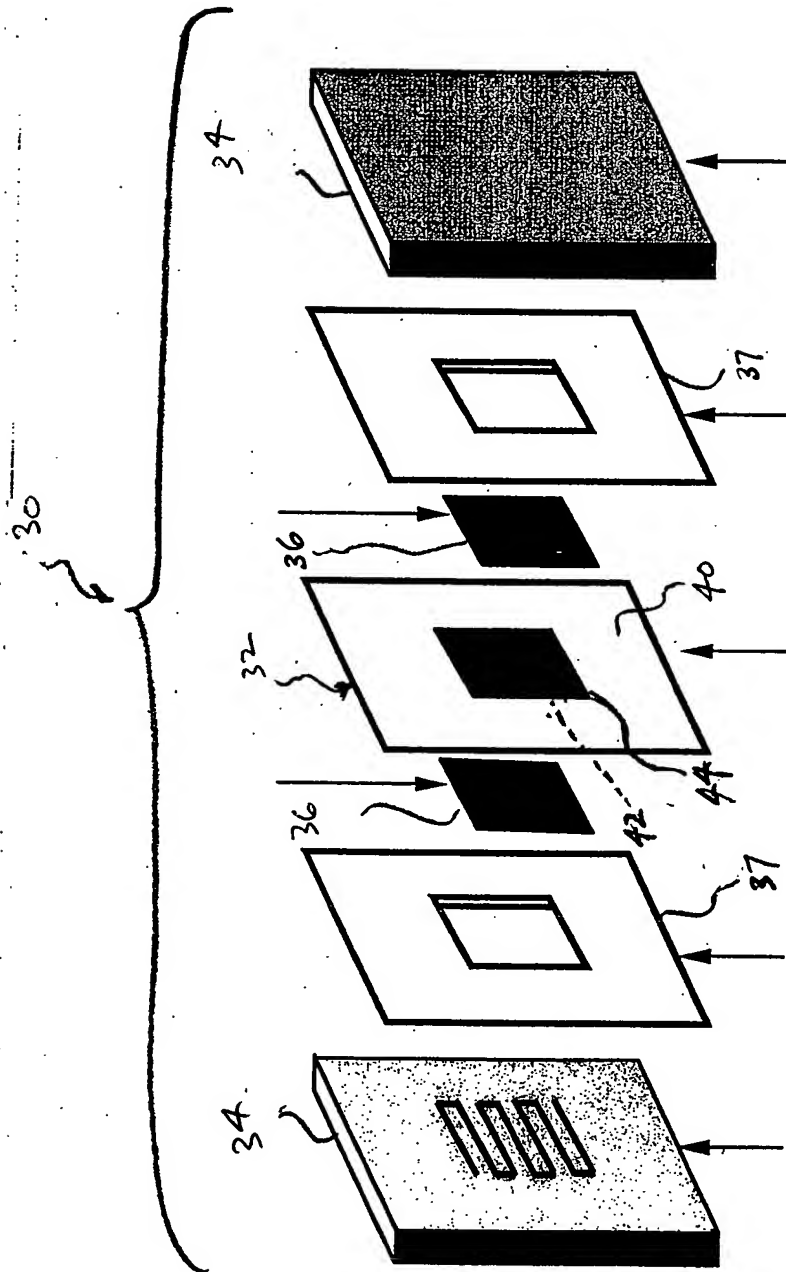


FIG. 3

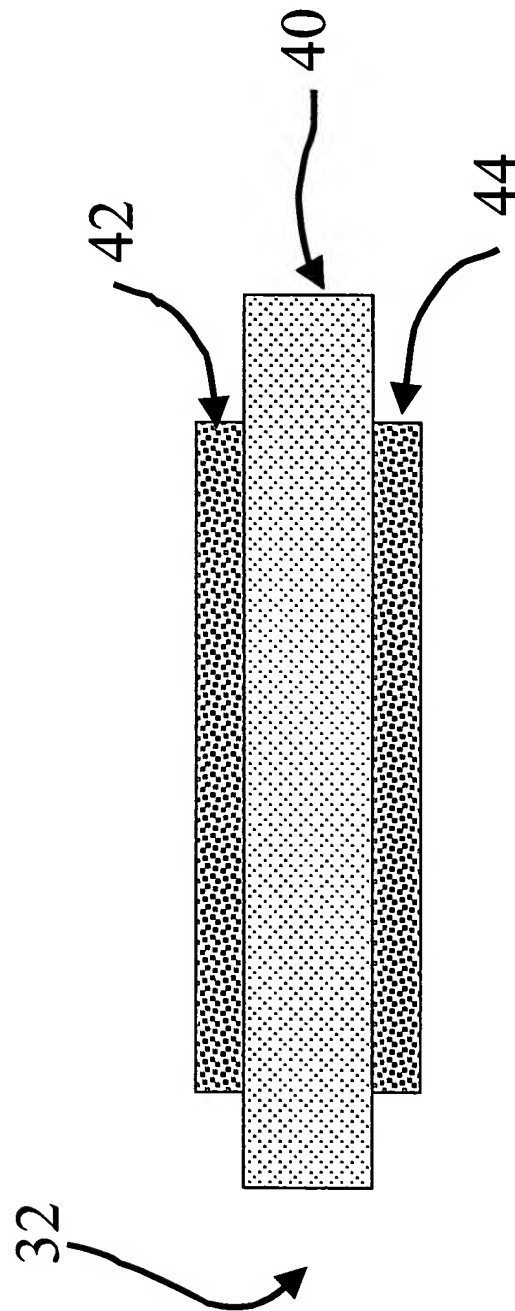


FIG. 4

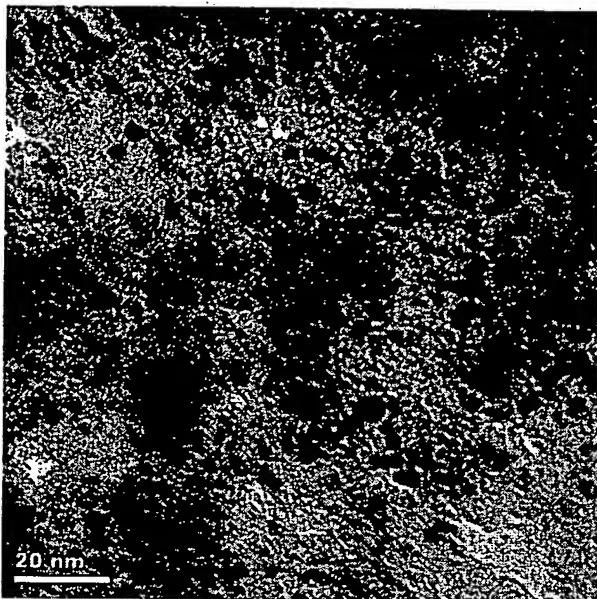


FIG 5

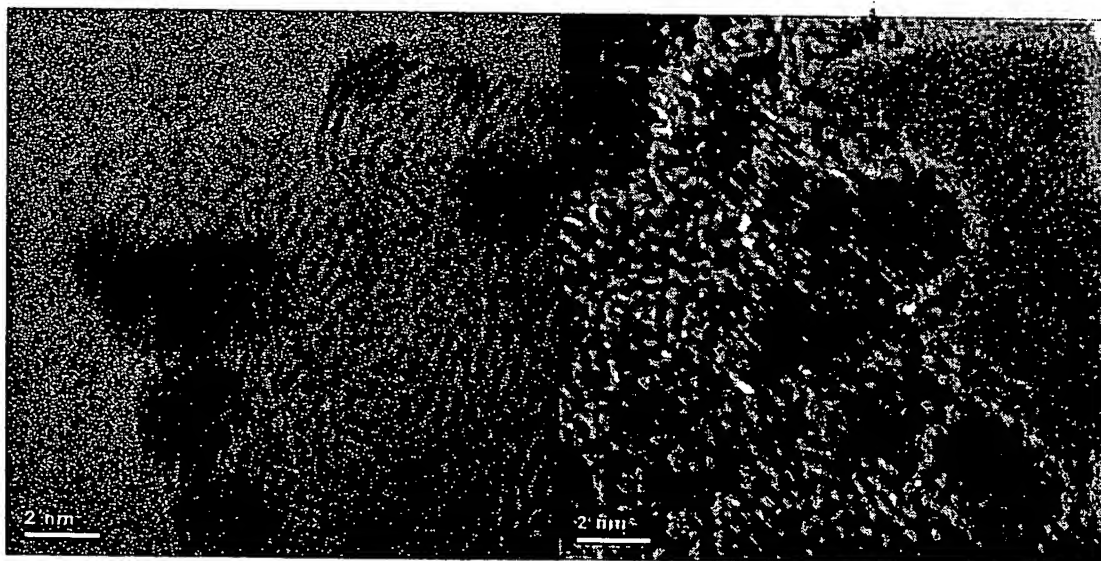
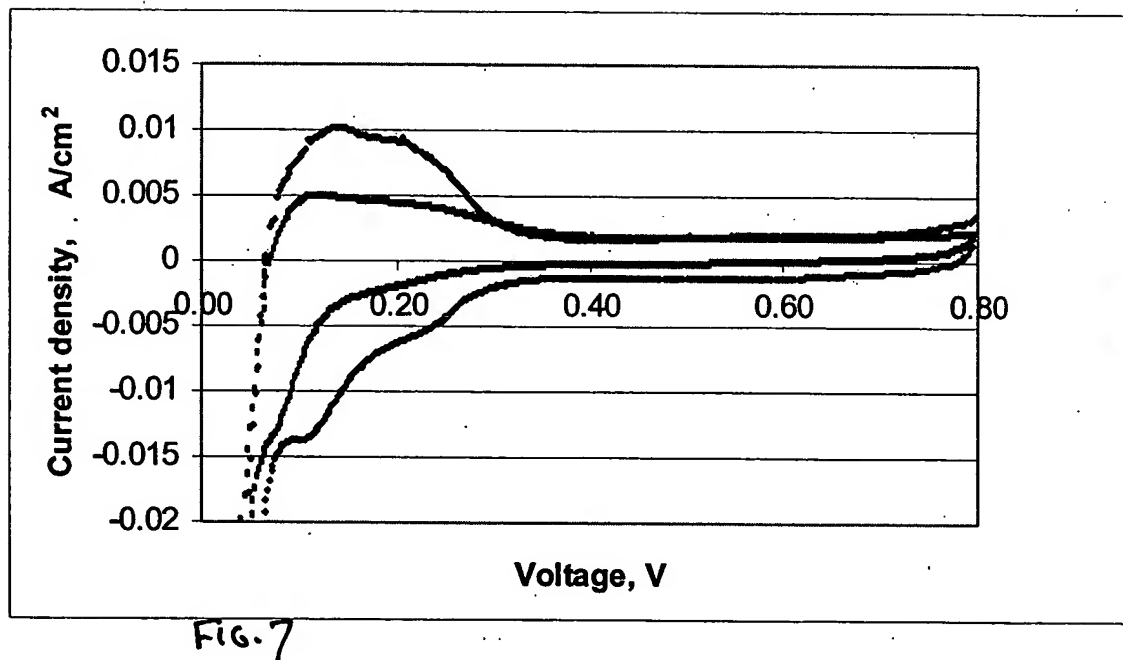
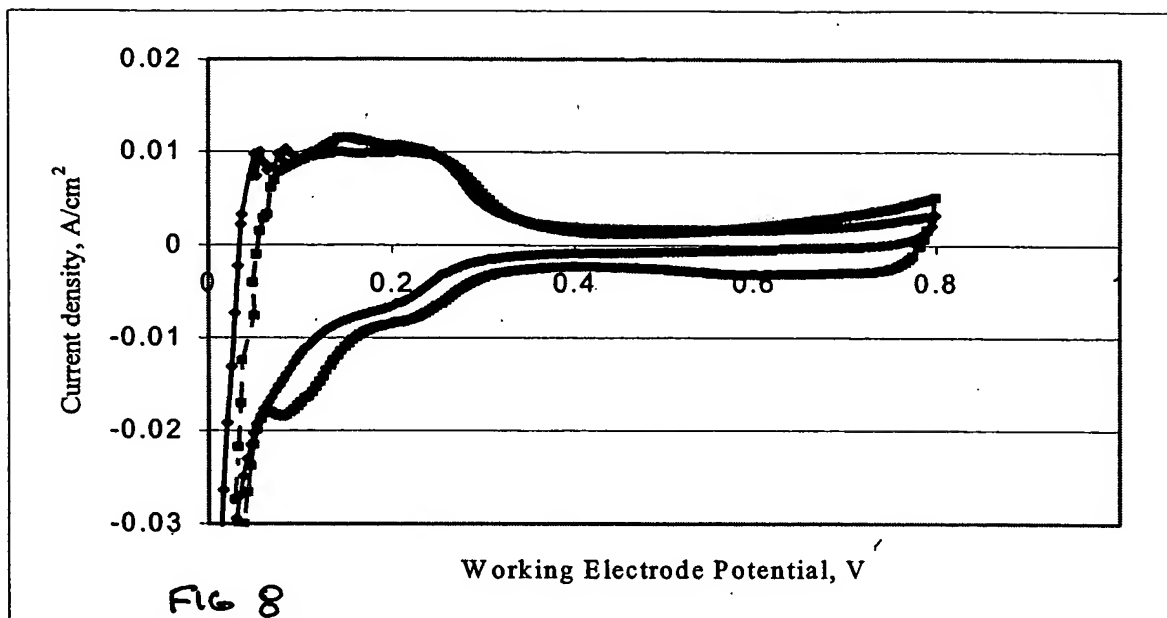
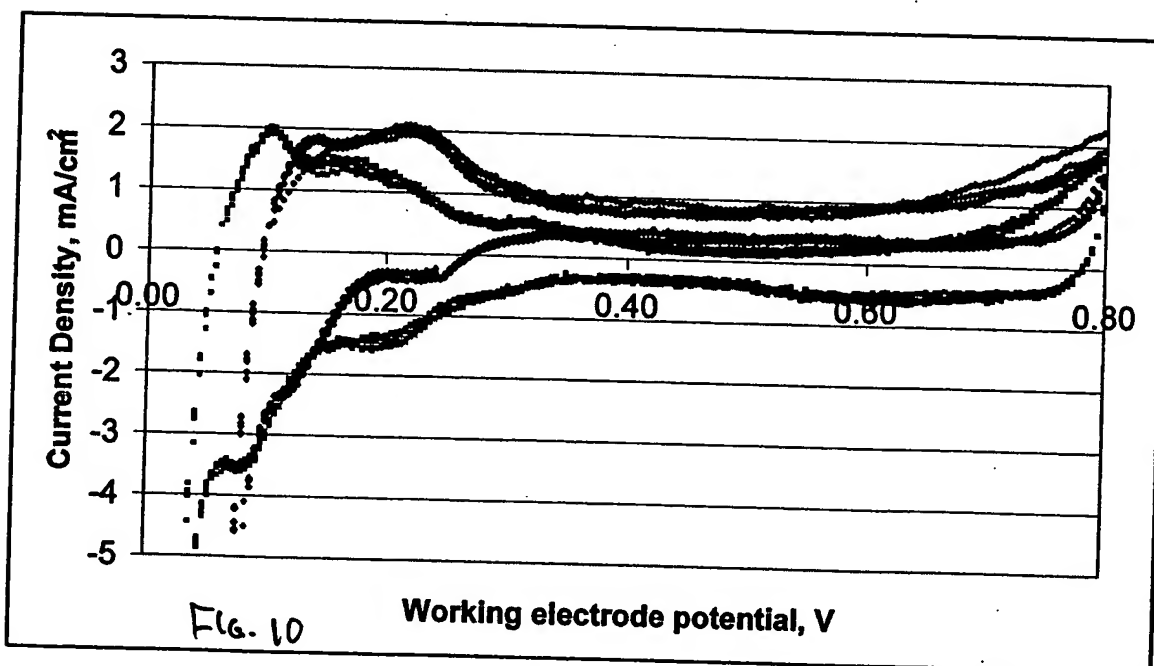
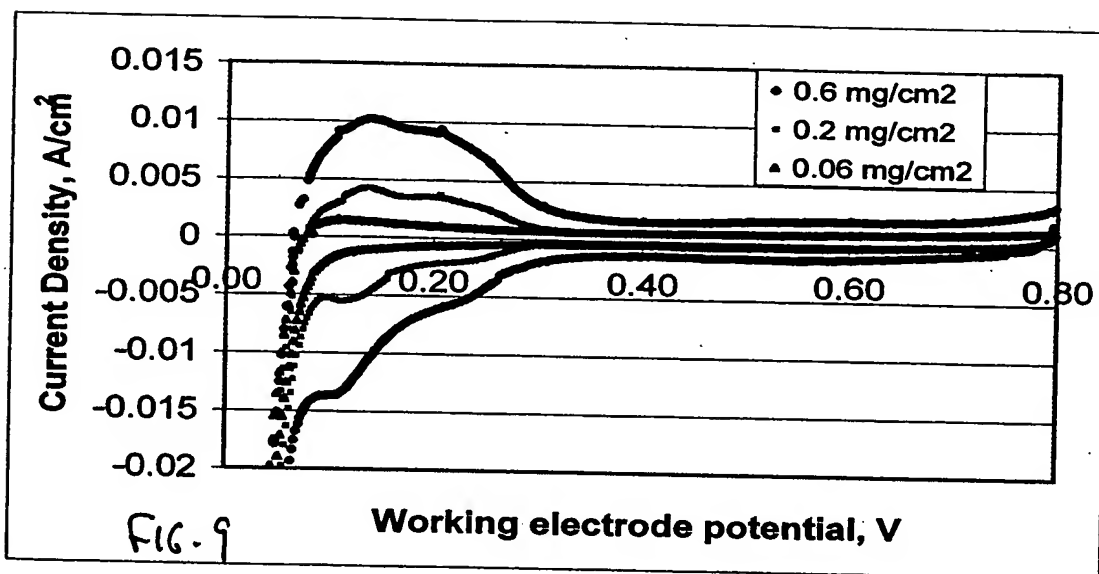


FIG 6





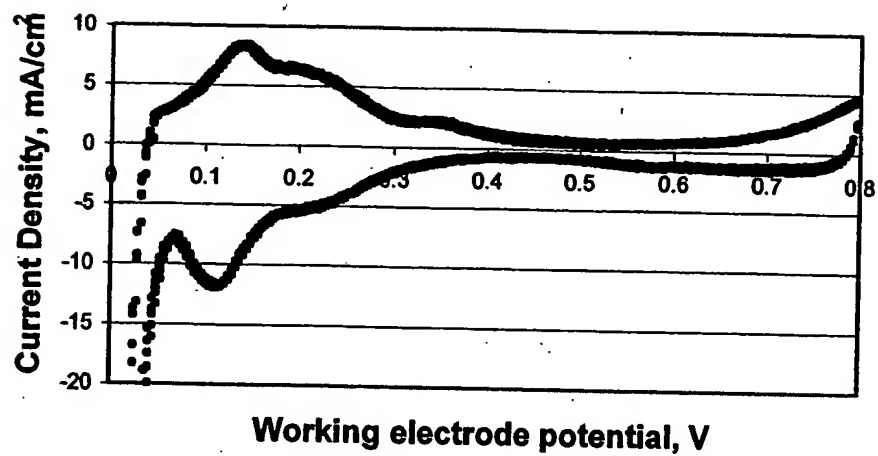


FIG. 11

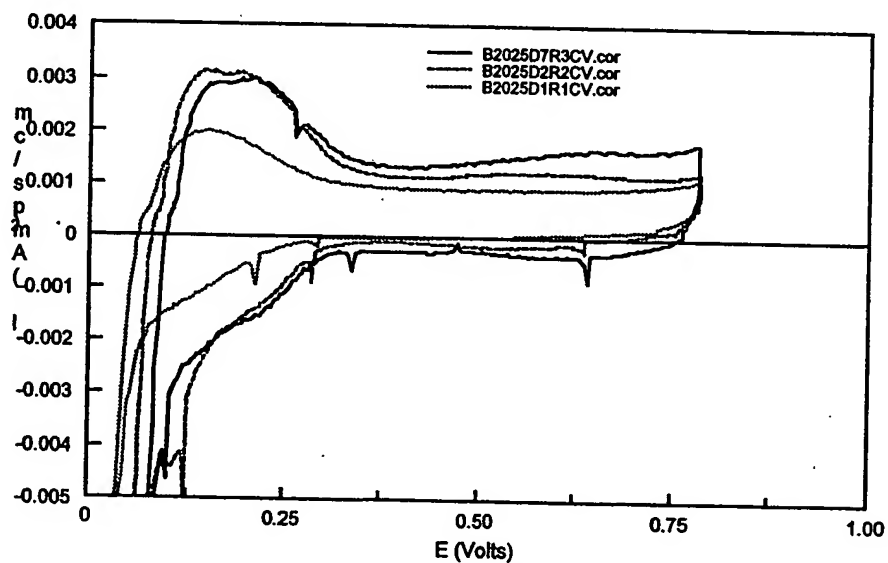


FIG. 12

McCormick, Paulding & Huber LLP
Title: METHOD OF PREPARING MEMBRANE ELECTRODE
ASSEMBLIES WITH AEROGEL SUPPORTED CATALYST

Applicant: Hiroaki S. Hara, et al.

Serial No.: New Appln.

Attorney Docket Number: 6872-0005

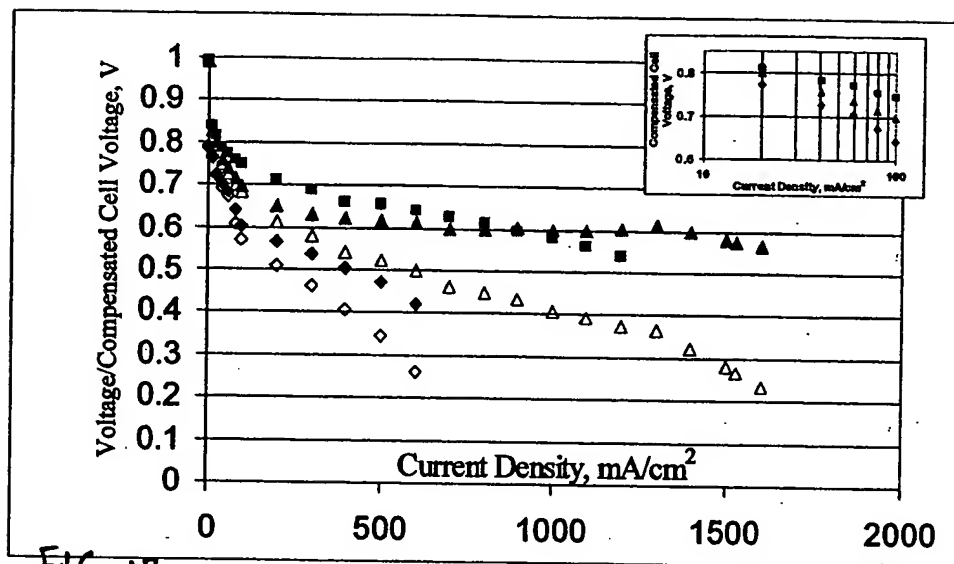


FIG. 13

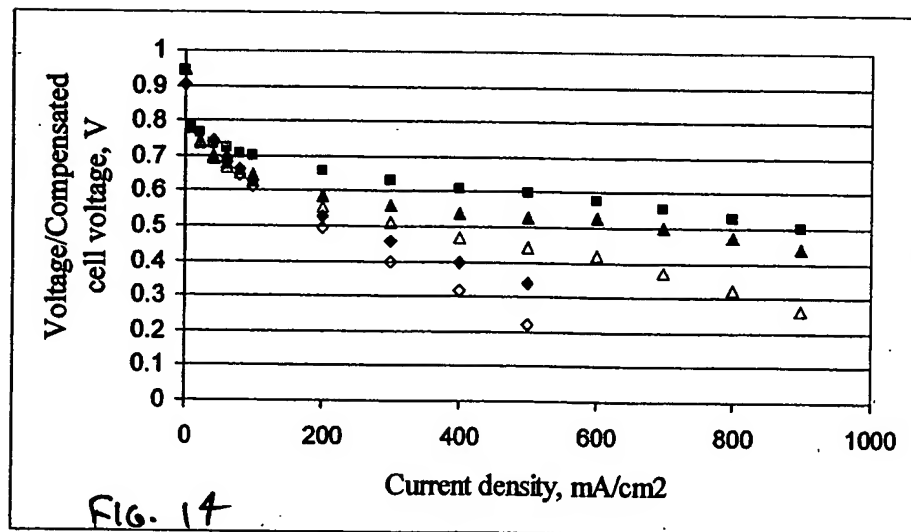


FIG. 14

Figure 10. The cell voltage (open symbols) and compensated cell voltage (closed symbols) vs. current density for three MEAs made with different Pt loadings in air:

Δ - 0.6 mg/cm²; \bullet - 0.2mg/cm²; $\#$ - 0.06 mg/cm²

Membrane: Nafion 117. Cell temperature: 80°C. Temperature of humidifiers: 80°C.

